

CERTIFICATE OF TEST

No. **CO 0824180037 - 00 - 00**

We certify that the material declared
RETROREFLECTIVE MATERIAL
with separate performance on 100% cotton FR

Retrolite® 50 FR
silver-grey colour

submitted by

IRE S.r.l.

Via S. Martino 74 42015 Correggio (RE) Italy

has been tested by Centro Tessile Cotoniero e Abbigliamento Laboratory and complies with the Standard:

EN ISO 20471:2013+A1:2016 - High-visibility warning clothing

for the following requirements:

- 6.1 Retroreflective performance requirements of new material
- 6.2 Retroreflective performance after abrasion, flexing, folding at cold temperatures, exposure to temperature variation, and influence of rainfall, after washing (50 cycles 60°C - flat drying)

EN ISO 14116:2015 - Clothing to protect against heat and flame. Limited flame spread materials, material assemblies and clothing

for the following requirements:

- 6.1. Limited flame spread - Procedure A - Surface ignition index **3** before and after: 50 cycles washing 60°C flat drying

EN ISO 11612:2015 - Clothing to protect against heat and flame

for the following requirements:

- 6.2.1 Heat resistance at a temperature of 180°C after: 50 cycles washing 60°C flat drying
- 6.3 Limited flame spread - Procedure A - Surface ignition level **A1** before and after: 50 cycles washing 60°C flat drying

EN 15614:2007 – Protective clothing for firefighters – Laboratory test methods and performance requirements for wildland clothing

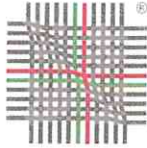
for the following requirements:

- 6.2.2 Limited flame spread - Procedure A - Surface ignition level **A1** before and after: 50 cycles washing 60°C
- 6.4 Heat resistance at a temperature of 180°C after 50 cycles washing 60°C flat drying
- 9.2 Retroreflective and/or fluorescent performance

Notes:

- 1 The applied standards are those in force on the date on the present Certificate. The validity of the certificate is not assured if reviewed standards are issued
- 2 This certification must not be confused neither with the CE certificate of examination released by Notified Body or with the conformity declaration the manufacturer must release before CE Marking.
- 3 This certification applied to the particular sample tested and to the specific tests carried out as dated and detailed in the report referenced above. It does not signify any measure of approval, certification, supervision, control or surveillance by the Centro Tessile Cotoniero e Abbigliamento S.p.A. to this on any related product.

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Innovation experience

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EN 469:2005+A1:2006 protection clothing for firefighting
for the following requirements:

B.3.1 Resistance to heat (180°C)

B.3.2 Limited flame spread

Full details of test conditions and results are given in:

Test report

n. 18RA02535

11th April 2018

Date of issue

17th April 2018

Approved by PPE and
Certification Manager
Marco Colli



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